
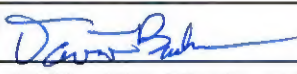
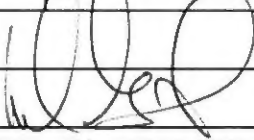


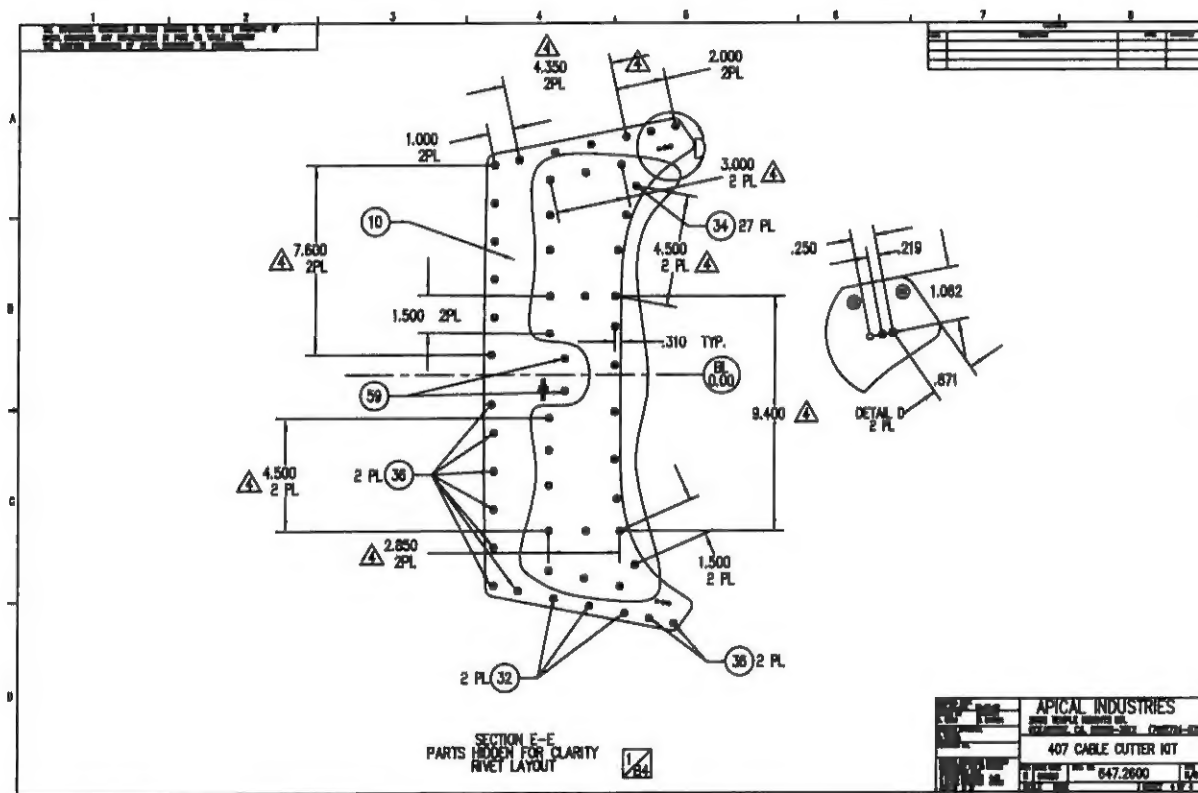
<h1 style="margin:0;">APICAL</h1> <p style="margin:0;">INDUSTRIES, INC.</p>		ENGINEERING CHANGE NOTICE NO. 03218					SHEET 1 OF 3		
		DWG NO. 647.2600		REV: N/C		PREPARED BY R. ROSANO	DATE: 10/24/11		EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.
		DWG TITLE: 407 CABLE CUTTER KIT							
		APPROVED BY:	ENGR 	MFG 	QC 	EFF: CURRENT ORDER			
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE		REASON: ADDED TO AND REVISED BOM, REVISED CALLOUTS IN DRAWING VIEWS, ADDED DELTA NOTE 4 & 5, REVISED DELTA NOTE 1, ADDED DETAIL F, ADDED SHEET 4							
60	A	601.3447	1	1	TERMINAL	MS25036-109	△ 5		
59	A	601.3071	2	2	RIVET	CR3213-4-9			
52	R	600.1012	1	1	SEALANT		△ 2		
51	R	601.2045	1	1	RTV		△ 1		
45	D	601.2638	2	2	WASHER	NAS1149F0432P			
43	R	601.2764	30	30	WASHER	NAS1149FN832P			
37	R	601.3446	1	1	RIVET	CR3242-4-4			
35	D	601.2991	10	10	RIVET	CR3213-4-6			
34	R	601.0790	38	38	RIVET	CR3213-4-3			
32	R	601.1183	16	16	RIVET	CR3213-4-5			
28	R	601.3000	2	2	SCREW	MS27039-0806			
27	R	601.1621	4	4	SCREW	MS27039-1-08			
26	R	601.1953	7	7	SCREW	MS27039-1-12			
23	R	601.3153	2	2	SCREW	MS24694S8			
20	R	601.2823	2	2	BOLT	AN3-4A			
1	R	648.7801	2	2	GROUNDING CABLE ASSY		△ 5		
F/N	TC	PART NUMBER	.2602 .2601 QTY		DESCRIPTION	MATERIAL	SPECIFICATION		
DOCUMENTS EFFECTED:					<input type="checkbox"/> MDL <input checked="" type="checkbox"/> INSTALL INSTRUC <input checked="" type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM		CHANGE CATEGORY <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR		
							DER REVIEW REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		

Technical drawing of a car door hinge assembly. The main view shows the hinge mechanism connecting the door to the body. A cloud-shaped callout labeled 'DETAIL A' provides a magnified view of the hinge pin and its mounting. The drawing includes dashed lines to indicate the assembly's position and alignment.

5 CUT WIRE TO NECESSARY LENGTH AND SWAGE  
F/N 60 TO OPEN END.

F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL	SPECIFICATION

SHEET 4 IS:



F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL	SPECIFICATION
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<b>APICAL</b> INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 03090				SHEET 1 OF 2	
	DWG NO. 647.2600		REV: N/C	PREPARED BY R. ROSANO	DATE: 04/28/11	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.
	DWG TITLE: 407 CABLE CUTTER KIT					
	APPROVED BY:	ENGR <i>[Signature]</i>	MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: CURRENT ORDER	
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE	REASON: ADDED TO AND REVISED BOM, REVISED CALLOUTS IN DRAWING VIEWS					

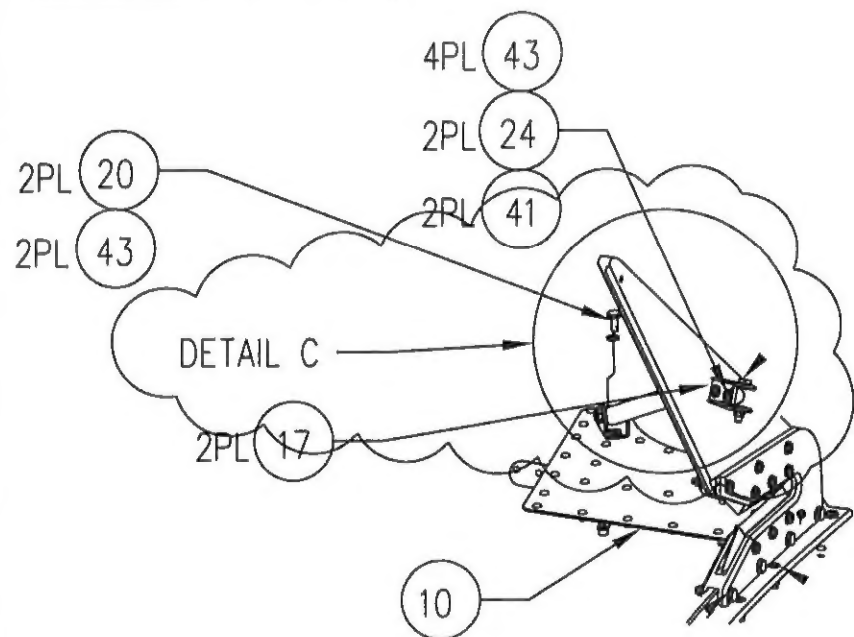
58	A	601.1948	4	4	SCREW	MS27039-1-19	
57	A	601.2893	1	1	SCREW	MS27039-0811	
56	A	601.2988	21	21	SCREW	MS27039-0813	
44	R	601.1607	46	46	WASHER	NAS1149F0332P	
43	R	601.2764	36	36	WASHER	NAS1149FN832P	
42	R	601.2943	14	14	LOCKNUT	MS21042-3	
41	R	601.2973	10	10	LOCKNUT	MS21042-08	
38	R	601.3305	4	4	HI-LOK PIN	HL19PB-5-4	
24	D	601.2765	26	26	SCREW	MS27039-0819	
1	R	648.7801	2	2	GROUNDING CABLE ASSY		
F/N	TC	PART NUMBER	2602	2601	DESCRIPTION	MATERIAL	SPECIFICATION
			QTY				
DOCUMENTS EFFECTED:						CHANGE CATEGORY	DER REVIEW REQUIRED
<input type="checkbox"/> MDL <input checked="" type="checkbox"/> INSTALL INSTRUC <input checked="" type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM						<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL	SPECIFICATION
-----	----	-------------	-----	-------------	----------	---------------

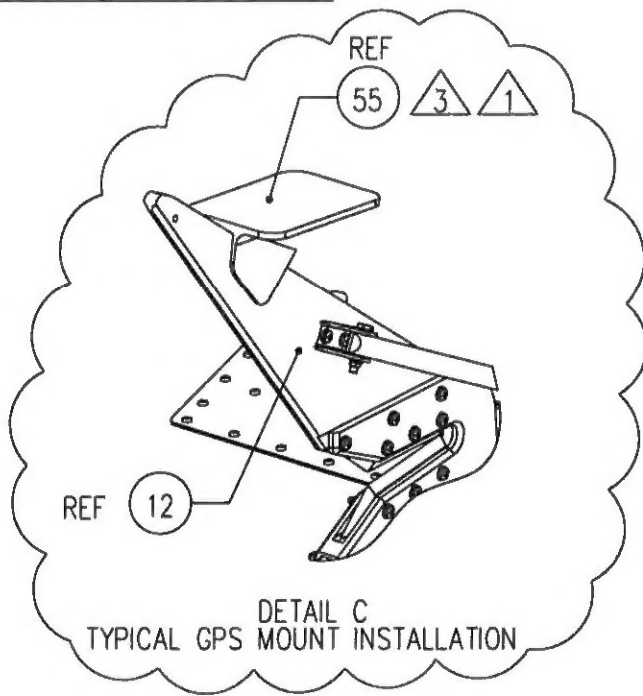


<b>APICAL</b> INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 03049				SHEET 1 OF 1	
	DWG NO. 647.2600	REV: N/C	PREPARED BY J. JACKSON	DATE: 01/25/11	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.	
	DWG TITLE: 407 CABLE CUTTERS KIT					
APPROVED BY: ENGR <i>[Signature]</i>		MFG <i>[Signature]</i>		QC <i>[Signature]</i>	EFF: NEXT ORDER	
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE		REASON: REVISED DRAWING VIEWS.				

SHEET 2, ZONE A4 IS:



SHEET 2, ZONE B2 IS:



F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL	SPECIFICATION
DOCUMENTS EFFECTED:				<input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input type="checkbox"/> BOM	CHANGE CATEGORY <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	DER REVIEW REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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NOTES:

- 1 AFTER INSTALLATION, APPLY F/N 51 TO FILL GAPS AND FILLET EDGES
- 2 APPLY F/N 52 TO ALL FAYING SURFACES.
- 3 AT CUSTOMERS OPTION, INSTALL F/N 55 BY MATCH DRILLING ONTO F/N 12, F/N 18 OR F/N 19.

3  
D3

DETAIL B

647.2601 SHOWN  
647.2602 TYP

DETAIL A

2  
D5

UNINCORPORATED ECN(s)

03049, 03090, 03218,

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
N/C	LAST PROTOTYPE REVISION: PR2		N/C
N/C	INITIAL RELEASE	10-27-09	P. BRAVO

4	4	39	601.3112	HI-LOK COLLAR	HL70-5	
4	4	38	601.3113	HI-LOK PIN	HL19PB-5-14	
1	1	37	601.2983	RIVET	CR3212-5-4	
38	38	36	601.1039	RIVET	CR3213-4-2	
10	10	35	601.2991	RIVET	CR3213-4-6	
19	19	34	601.0790	RIVET	CR3213-4-3	
7	7	33	601.1915	RIVET	CR3213-4-4	
27	27	32	601.1183	RIVET	CR3213-4-5	
2	2	31	601.1339	RIVET	CR3212-4-6	
4	4	30	601.1065	RIVET	CR3212-4-3	
7	7	29	601.2979	RIVET	CR3213-4-1	
2	2	28	601.3114	SCREW	MS27039-1-06	
2	2	27	601.1621	SCREW	MS27039-1-08	
9	9	26	601.1953	SCREW	MS27039-0812	
1	1	25	601.1949	SCREW	MS27039-1-11	
26	26	24	601.2765	SCREW	MS27039-0819	
2	2	23	601.2535	SCREW	MS24694C9	
4	4	22	601.3069	SCREW	MS27039-1-09	
10	10	21	601.2826	BOLT	AN3-11A	
2	2	20	601.3118	BOLT	AN3-3	
	1	19	646.9602	LOWER CUTTER ASSY HIGH		
1		18	646.9603	LOWER CUTTER ASSY LOW		
6	6	17	647.0112	STRUT BRACKET		
1	1	16	647.0116	DOUBLER		
1	1	15	647.0210	RAIL		
1	1	14	647.0310	CHANNEL		
3	3	13	647.2010	STRUT		
1	1	12	647.4501	CUTTER ASSY		
1	1	11	647.4611	DEFLECTOR		
1	1	10	647.4711	DOUBLER		
1	1	9	647.4712	DOUBLER		
1	1	8	647.4713	BRACKET		
1	1	7	647.4714	CLIP LH		
1	1	6	647.4715	CLIP RH		
2	2	5	647.4719	CLIP FWD		
1	1	4	647.4716	SPACER		
1	1	3	647.4717	CLIP AFT LH		
1	1	2	647.4718	CLIP AFT RH		
1	1	1	647.3201	GROUNDING CABLE ASSY		
			647.2602	407 CABLE CUTTER KIT LOW		
			647.2601	407 CABLE CUTTER KIT HIGH		
2602	2601	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.

QTY		PARTS LIST			
NEXT ASSY (S)		ORIGINAL DATE (MO-DA-YR) 10-27-09	CHECKER A. QUAN - D. BARKER		
		DRAWING APPROVAL P. BRAVO 10-27-09	CONTRACT No.		
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°	SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.2600
			SCALE NONE	SHEET 1 OF 3	

APICAL INDUSTRIES

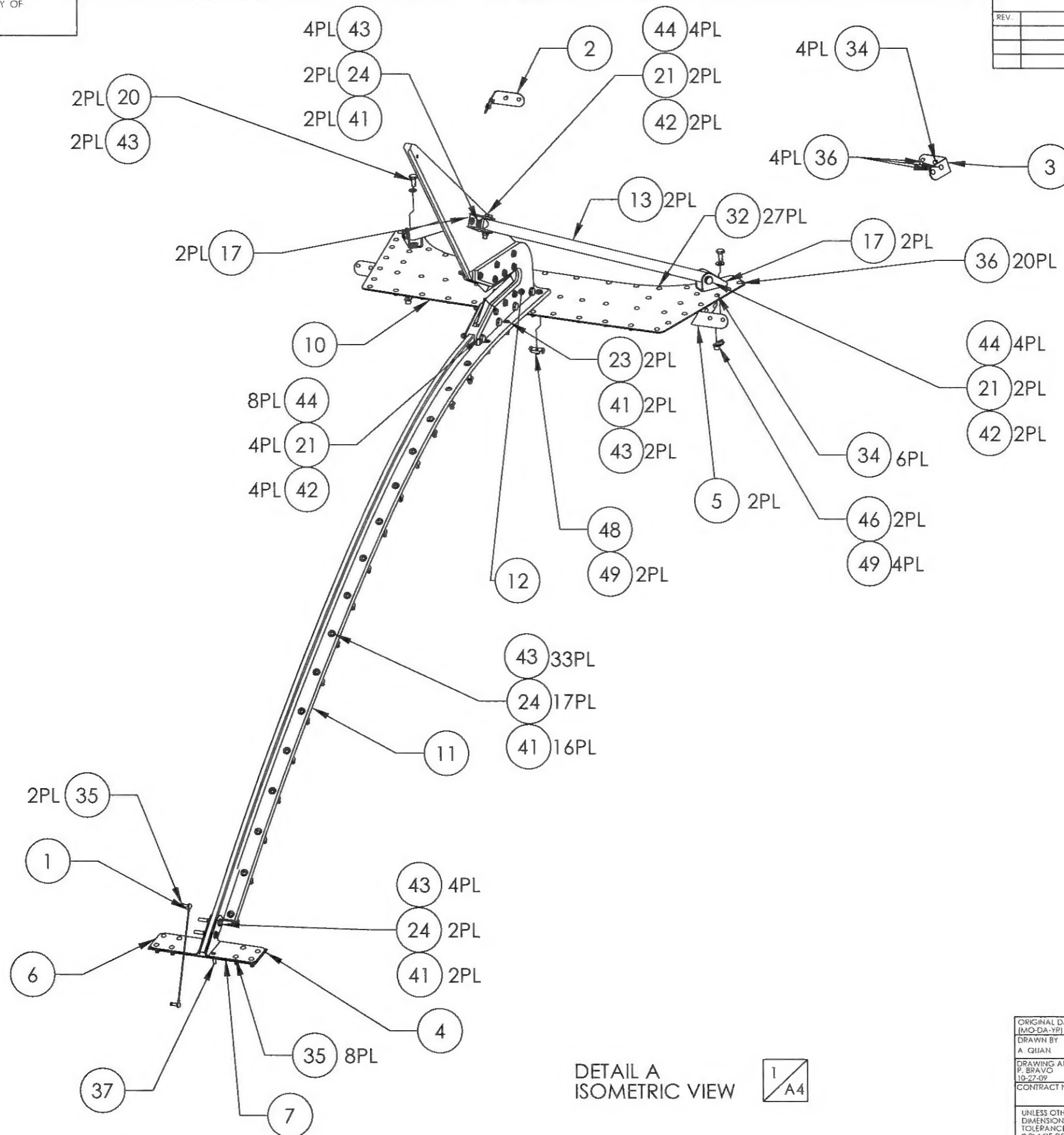
2608 TEMPLE HEIGHTS DR.  
OCEANSIDE, CA. 92056-3512 (760)724-5300

407 CABLE CUTTER KIT

REV  
N/C

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



DETAIL A  
ISOMETRIC VIEW



ORIGINAL DATE  
(MO-DA-YR) 10-27-09  
DRAWN BY  
A. QUAN  
CHECKER  
D. BARKER  
DRAWING APPROVAL  
P. BRAVO  
10-27-09  
CONTRACT No.

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:  
2 PLACE DECIMALS ±.03  
3 PLACE DECIMALS ±.010  
ANGLES ±.5°

**APICAL INDUSTRIES**  
2608 TEMPLE HEIGHTS DR.  
OCEANSIDE, CA. 92056-3512 (760)724-5300

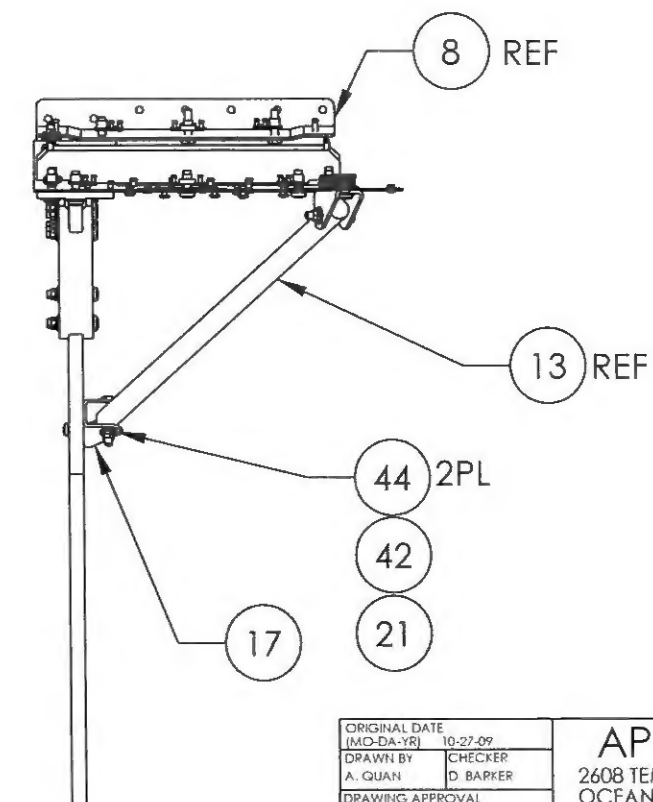
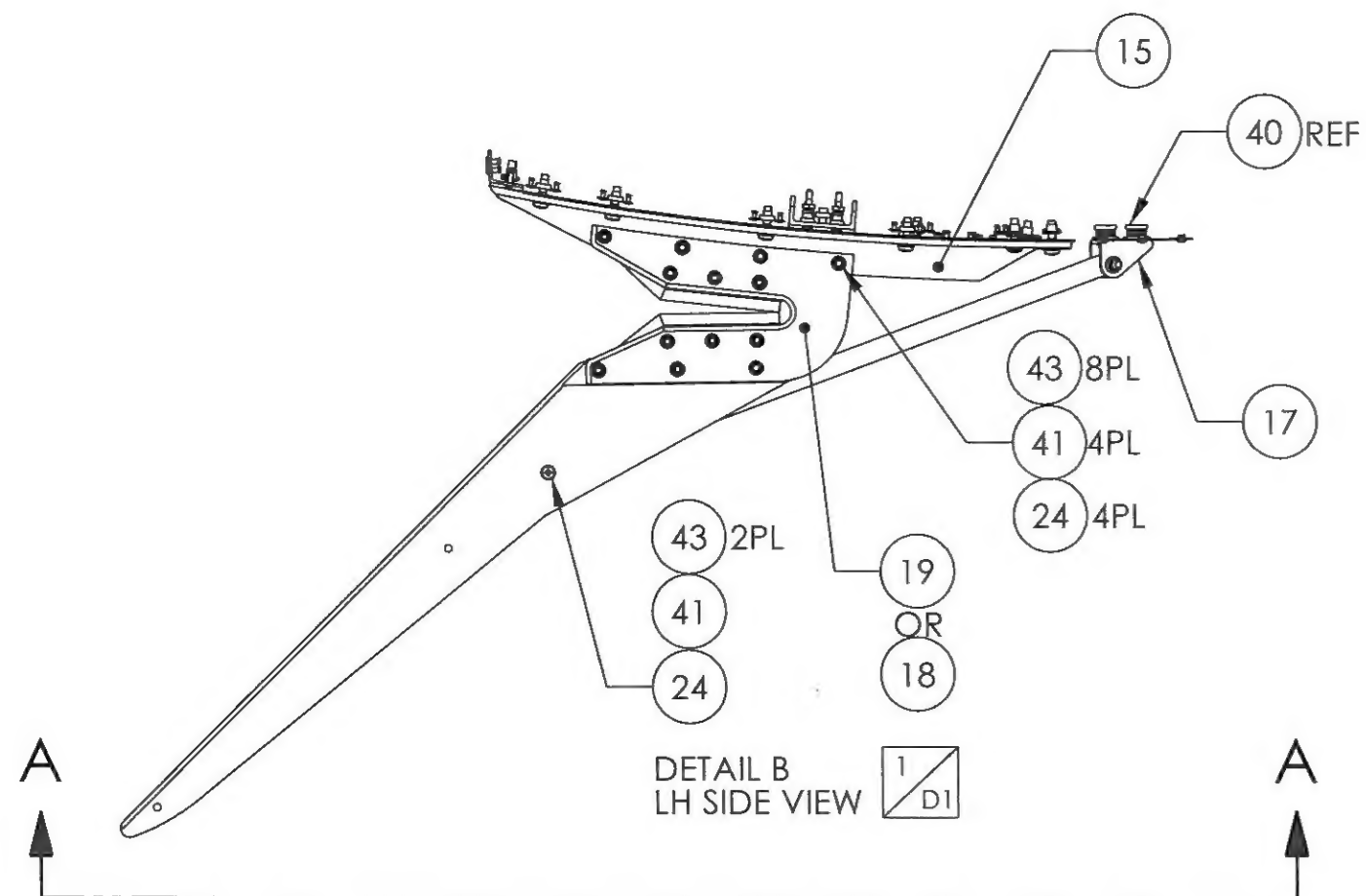
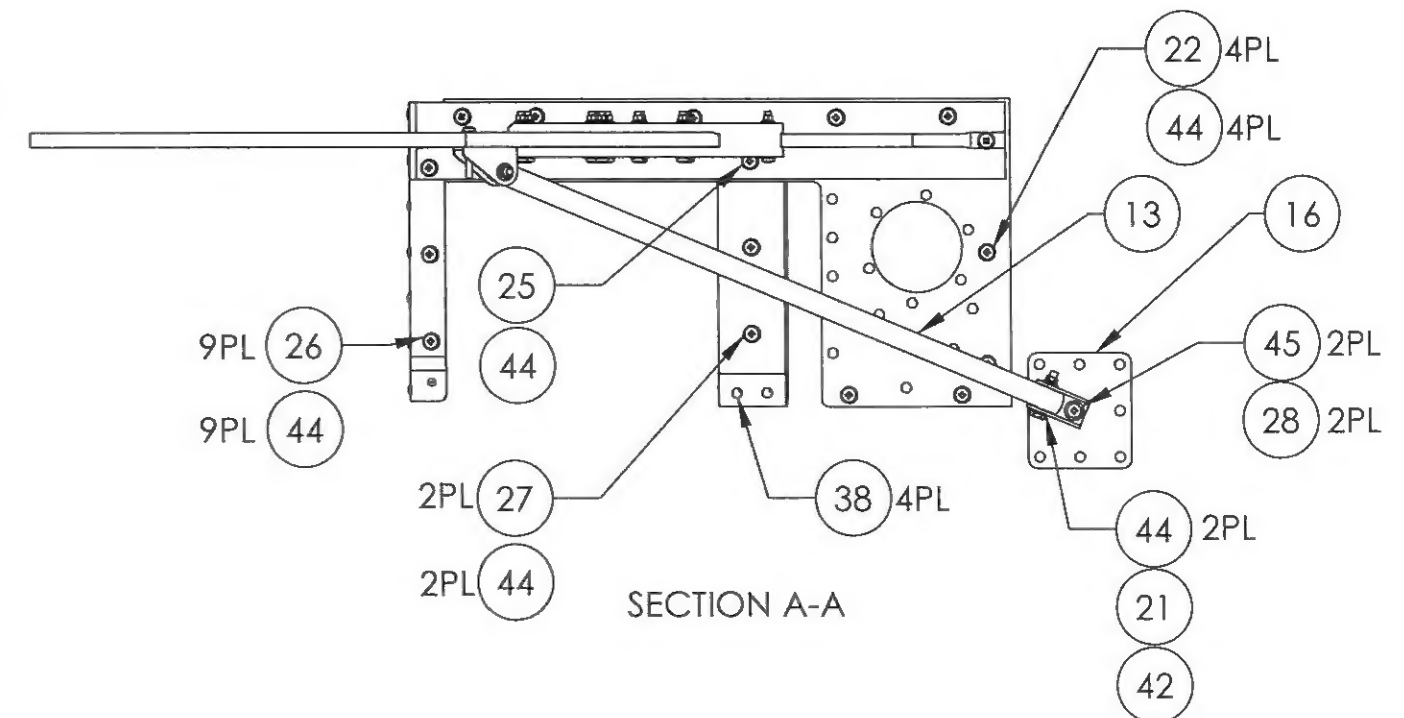
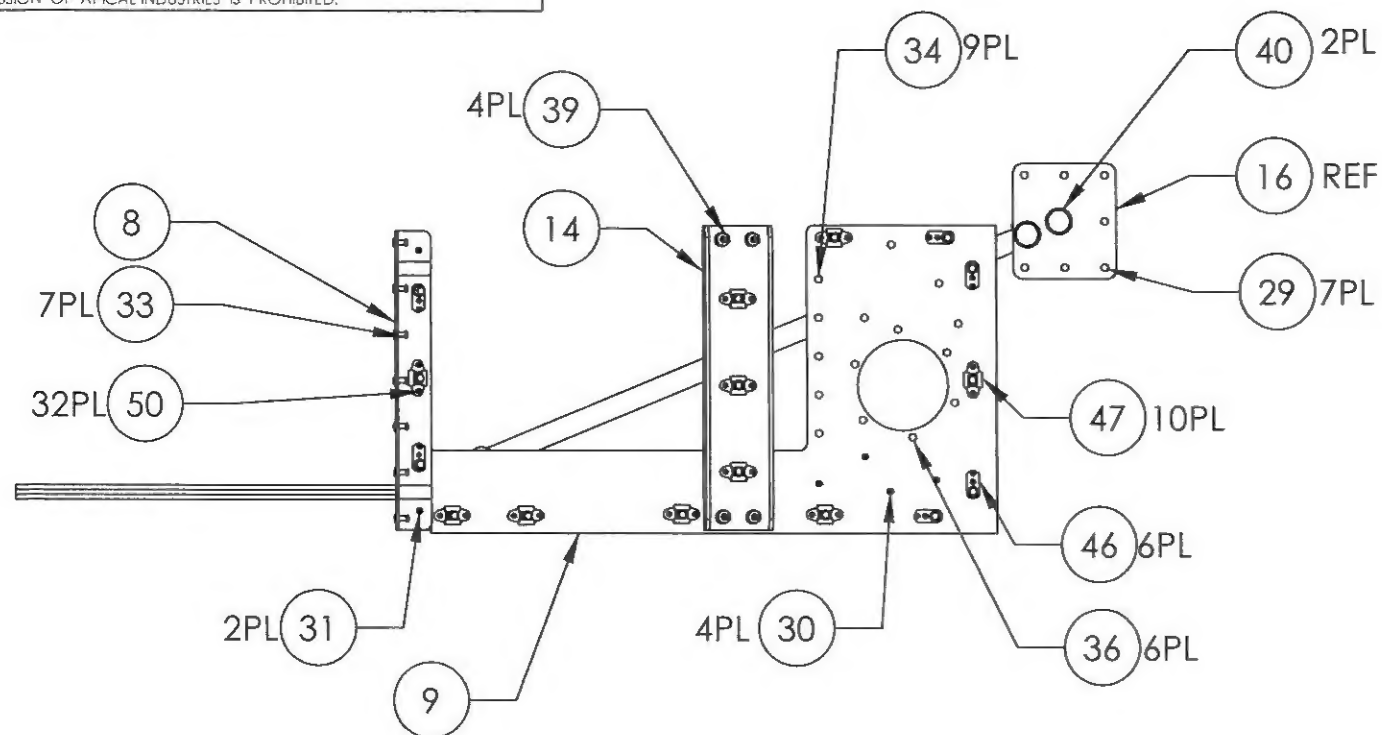
**407 CABLE CUTTER KIT**

SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.2600	REV N/C
SCALE NONE			SHEET 2 OF 3



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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



ORIGINAL DATE (MO-DA-YR) 10-27-09		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY A. QUAN	CHECKER D. BARKER	407 CABLE CUTTER KIT	
DRAWING APPROVAL P. BRAVO 10-27-09		CONTRACT No.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ± 5°		SIZE B	CAGE CODE 07MZ6
		DWG. NO. 647.2600	REV N/C
		SCALE NONE	SHEET 3 OF 3